

However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.

Amendments

In the Claims:

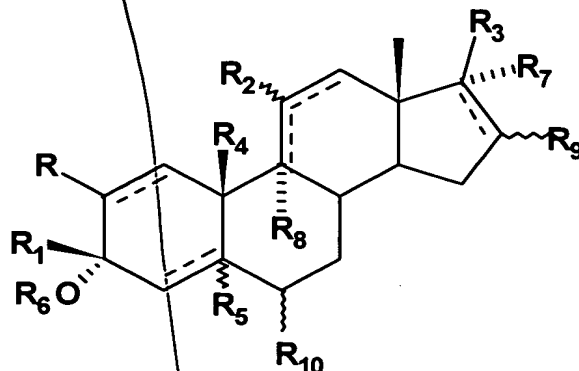
Please substitute the following claims 27, 46 and 58 for pending claims 27, 46 and 58:

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27. (thrice amended) A compound selected from the group consisting of 3 α -hydroxy-2 β -propoxy-21-(pyrid-4-ylthio)-5 α -pregnan-20-one N-methyl iodide; 3 α -hydroxy-21-(pyrid-4-ylthio)-5 α -pregnan-20-one N-methyl iodide; 3 α -hydroxy-21-(pyrid-4-yl)thio-5 β -pregnan-20-one N-methyl iodide; 3 α -hydroxy-3 β -methoxymethyl-21-(pyrid-4-ylthio)-5 α -pregnan-20-one; 3 β -(4'-acetylphenyl)ethynyl-3 α -hydroxy-21-(pyrid-4-ylthio)-5 β -pregnan-20-one; 3 α -hydroxy-3 β -methyl-21-(quinolin-6-yloxy)-5 α -pregnan-20-one N-methyl iodide; and 3 α -hydroxy-3 β -methyl-21-(quinolin-6-yloxy)-5 α -pregnan-20-one.

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46. (thrice amended) A compound of the formula:



or a physiologically acceptable salt or 3-ester thereof; wherein

R is one of hydrogen, amino, thio, sulfinyl, sulfonyl, halogen, lower alkoxy, alkynyl or substituted alkynyl;

R₁ is one of hydrogen, alkyl, alkenyl, alkynyl, haloalkyl, dihaloalkyl, trihaloalkyl, optionally substituted aralkynyl, alkoxyalkyl, aminoalkyl, cyano, cyanoalkyl, thiocynoalkyl, azidoalkyl, optionally substituted arylalkyl, arylalkenyl, optionally substituted aryl, optionally substituted aralkylalkynyl, alkanoyloxyalkynyl, optionally substituted heteroaryloxyalkynyl, oxoalkynyl or a ketal thereof, cyanoalkynyl, optionally substituted heteroarylalkynyl, hydroxyalkynyl, alkoxyalkynyl, aminoalkynyl, acylaminoalkynyl, mercaptoalkynyl, hydroxyalkynyl dioic acid hemi-ester or a salt thereof, or alkynyloxyalkynyl;

R₂ is one of hydrogen, alkoxy, a keto group or a dimethylamino group;

R₃ is one of -C(O)-CH₂-Y-G, -C(O)-CH₂-O-D, -C(O)-CH₂-Z-G, or -C(O)-CH₂-Y'-Z-G;

Y is one of S, SO or SO₂;

Y' is one of O, S, SO or SO₂;

Z is one of alkylene, alkenylene or alkynylene;

G is one of C-attached heteroaryl, or a quaternary ammonium salt or N-oxide of a nitrogen containing heteroaryl group;

D is C-attached heteroaryl, or a quaternary ammonium salt or N-oxide of a nitrogen containing heteroaryl group;

R₄ is one of hydrogen or methyl;

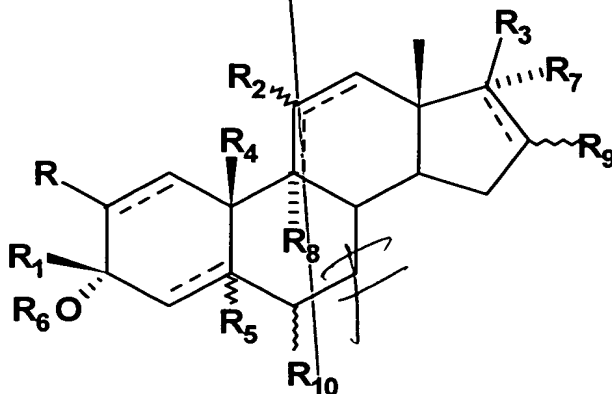
R₅, R₆, R₇, R₈, R₉ and R₁₀ are each hydrogen; and

the dotted lines all represent single bonds; with the following provisos:

when R₃ is -C(O)-CH₂-Y-G, and G is C-attached pyridyl then R₁ is other than hydrogen, alkyl, haloalkyl, alkenyl or alkynyl; and

when R₃ is -C(O)-CH₂-Z-G, then R₁ is other than hydrogen.


58. (twice amended) A compound of the formula:




or a physiologically acceptable salt or 3-ester thereof; wherein

R is one of hydrogen, amino, thio, sulfinyl, sulfonyl, halogen, lower alkoxy, alkynyl or substituted alkynyl;

R₁ is one of hydrogen, alkyl, alkenyl, alkynyl, haloalkyl, dihaloalkyl, trihaloalkyl, optionally substituted aralkynyl, alkoxyalkyl, aminoalkyl, cyano, cyanoalkyl, thiocynoalkyl,

 azidoalkyl, optionally substituted arylalkyl, arylalkenyl, optionally substituted aryl, optionally substituted aralkylalkynyl, alkanoyloxyalkynyl, optionally substituted heteroaryloxyalkynyl, oxoalkynyl or a ketal thereof, cyanoalkynyl, optionally substituted heteroarylalkynyl, hydroxyalkynyl, alkoxyalkynyl, aminoalkynyl, acylaminoalkynyl, mercaptoalkynyl, hydroxyalkynyl dioic acid hemi-ester or a salt thereof, or alkynyloxyalkynyl;

R_2 is one of hydrogen, alkoxy, a keto group or a dimethylamino group;

R_3 is $-C(O)CH_2O-(6\text{-quinolinyl})$, $-C(O)CH_2SO_2-(4\text{-pyrrolidinophenyl})$, or $-C(O)CH_2CH_2-(4\text{-pyridyl})$; 

R_4 is one of hydrogen or methyl;

R_5 , R_6 , R_7 , R_8 , R_9 and R_{10} are each hydrogen; and

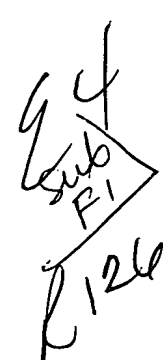

the dotted lines all represent single bonds; with the following provisos:

when R_3 is $-C(O)CH_2SO_2-(4\text{-pyrrolidinophenyl})$, then R_1 is other than hydrogen or alkyl;


and

when R_3 is $-C(O)CH_2CH_2-(4\text{-pyridyl})$, then R_1 is other than hydrogen, alkyl, haloalkyl, alkenyl or alkynyl.

Please add the following new claims:

 68. (new) The compound of claim 46, wherein R_3 is $-C(O)-CH_2-Y-G$. 

69. (new) The compound of claim 46, wherein R_3 is $-C(O)-CH_2-O-D$.

 70. (new) The compound of claim 46, wherein R_3 is $-C(O)-CH_2-Z-G$.

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70. (new) The compound of claim 46, wherein R₃ is -C(O)-CH₂-Y'-Z-G.

124 72
71. (new) The compound of claim 58, wherein R₃ is -C(O)CH₂O-(6-quinoliny).

124 73
72. (new) The compound of claim 58, wherein R₃ is -C(O)CH₂SO₂-(4-pyrrolidino-phenyl).

124 74
73. (new) The compound of claim 72, wherein said compound is 3 α -hydroxy-3 β -methoxymethyl-21-(4'-pyrrolidinophenyl)sulfonyl-5 α -pregnan-20-one.

124 75
74. (new) The compound of claim 58, wherein R₃ is -C(O)CH₂CH₂-(4-pyridyl).